

Cruise Narrative

Sale Name:	WATERWISP	Region:	NORTHWEST
App. #:	70778	District:	BAKER
Lead cruiser:	JIM PAST	Completion date:	03/30/06
Other cruisers on sale:	NONE		

Unit acreage specifications:

Unit #	Cruised acres	Cruised acres agree with sale acres? Yes/No	If acres do not agree explain why.
1	73.7	NO	INCLUDES 1.6 ACRES OF R/W
2	16.6	YES	
TOTAL	90.3	YES	

Unit cruise specifications:

Unit #	Sample type (VP, FP, ITS,100%)	Expansion factor (BAF, full/half)	Sighting height (4.5 ft, 16 ft.)	Grid size (Plot spacing or % of area)	Plot ratio (cruise: count)	Total number of plots
1	VP	54.45 40.00	4.5	400'X200'	1:1	38
2	VP	54.45	4.5	400'X200'	1:1	6

Sale/Cruise Description:

Minor species cruise intensity:	USED 40.00 BAF ON ALDER, 54.45 ON ALL OTHER SPECIES					
Minimum cruise spec:	MINIMUM DBH: 8 INCHES MINIMUM TOP DIAMETER: 5 INCHES OR 40% OF 16' FORM POINT					
Avg ring count by sp:	DF =	6	WH =	6	SS =	
Leave/take tree description:	TAGGED OUT LTA'S WERE DEDUCTED FROM GROSS ACREAGE. SCATTERED LEAVE TREES MARKED WITH YELLOW PAINT WERE NOT INCLUDED IN PLOT DATA. IGNORE BLUE PAINT ON TREES THESE ARE NOW TAKE TREES.					
Other conditions	MUCH LARGER TIMBER IN UNIT 2					

Field observations:

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Grants: 01=100%_____

Prepared by: JIM PAST

Title: NORTHWEST REGION FOREST CRUISER

CC: THERESA KLEPL

TC		PSPCSTGR		Species, Sort Grade - Board Foot Volumes (Project)																		
<div>T36N R04E S36 TyU00173.70</div> <div>T37N R04E S34 TyU00216.60</div>				Project: WTRWSP												Page 1						
				Acres 90.30												Date 3/30/2006						
																Time 7:26:27AM						
Spp	S T	So rt	Gr ad	% Net BdFt	Bd. Ft. per Acre Def% Gross Net			Total Net MBF	Percent of Net Board Foot Volume								Average Log			Logs Per /Acre		
									Log Scale Dia.				Log Length				Ln Ft	Bd Ft	CF/ Lf			
									4-5	6-11	12-16	17+	12-20	21-30	31-35	36-99						
WH		DM2S		47	8.3	14,636	13,425	1,212				59	41			100		32	283	1.77		47.4
WH		DM3S		41	1.1	11,764	11,640	1,051		2	81	16	1		2	98		32	85	0.64		136.4
WH		DM4S		12	4.3	3,308	3,165	286		61	39			18	38	44		15	16	0.29		194.7
WH		Totals		59	5.0	29,708	28,230	2,549		8	38	35	20	2	5	93		23	75	0.72		378.5
RC		DM3S		90	11.8	6,716	5,924	535		3	41	32	25		6	94		31	113	0.99		52.3
RC		DM4S		10	12.5	731	640	58		80	20			33	43	24		13	14	0.32		45.6
RC		Totals		14	11.9	7,446	6,563	593		11	39	29	22	3	9	87		23	67	0.81		97.9
RA		DM2S		48	6.0	24	23	2			9	91				100		32	209	1.41		.1
RA		DM3S		26	16.9	15	12	1			37	51	12			100		32	142	1.12		.1
RA		DM4S		26	22.4	15	12	1		23	77			4	12	84		21	28	0.52		.4
RA		Totals		0	13.5	54	47	4		6	34	57	3	1	3	96		24	75	0.83		.6
DF		DMSM		22		2,915	2,915	263					100			100		32	672	3.74		4.3
DF		DM2S		59	1.4	7,546	7,444	672				30	70			100		32	373	2.17		20.0
DF		DM3S		15	1.0	1,982	1,963	177		1	66	32		2	12	86		30	91	0.81		21.6
DF		DM4S		4		443	443	40		40	60			33	11	56		14	19	0.44		23.6
DF		Totals		27	.9	12,887	12,765	1,153		2	12	23	64	1	2	96		25	184	1.47		69.5
Totals					5.0	50,096	47,605	4,299		6	31	31	32	2	5	93		23	87	0.84		546.5

TC PSTATS				PROJECT STATISTICS				PAGE 1				
				PROJECT	WTRWSP	DATE 3/30/2006						
TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt			
36N	04E	36	WATERWISP	U001	90.30	44	253	S	W			
37N	04E	34	WATERWISP	U002								
			PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES					
TOTAL			44	253	5.8							
CRUISE			23	139	6.0	18,400	.8					
DBH COUNT												
REFOREST												
COUNT			21	114	5.4							
BLANKS												
100 %												
STAND SUMMARY												
			SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
WHEMLOCK			60	140.8	14.8	71	33	167.2	29,708	28,230	6,297	6,298
DOUG FIR			31	23.9	21.6	80	14	60.6	12,887	12,765	2,568	2,567
WR CEDAR			30	38.8	15.9	66		53.3	7,446	6,563	1,796	1,798
R ALDER			18	.3	16.3	62		.4	54	47	13	13
TOTAL			139	203.8	15.9	71		281.5	50,096	47,605	10,674	10,676
SD: 1			COEFF VAR.%	S.E.%	SAMPLE TREES - BF			# OF TREES REQ.		INF. POP.		
					LOW	AVG	HIGH	5	7	10		
WHEMLOCK			205.7	17.5	138	167	196					
DOUG FIR			249.5	21.2	141	179	217					
WR CEDAR			277.0	23.5	46	60	74					
R ALDER			282.3	23.9	22	29	36					
TOTAL			109.4	9.3	395	435	476	479	244	120		
SD: 1			COEFF VAR.%	S.E.%	TREES/ACRE			# OF PLOTS REQ.		INF. POP.		
					LOW	AVG	HIGH	5	7	10		
WHEMLOCK			70.5	10.6	126	141	156					
DOUG FIR			171.7	25.9	18	24	30					
WR CEDAR			183.2	27.6	28	39	50					
R ALDER			332.8	50.2	0	0	0					
TOTAL			61.4	9.2	185	204	223	151	77	38		
SD: 1			COEFF VAR.%	S.E.%	BASAL AREA/ACRE			# OF PLOTS REQ.		INF. POP.		
					LOW	AVG	HIGH	5	7	10		
WHEMLOCK			63.0	9.5	151	167	183					
DOUG FIR			107.2	16.2	51	61	70					
WR CEDAR			135.2	20.4	42	53	64					
R ALDER			290.3	43.8	0	0	1					
TOTAL			38.2	5.8	265	281	298	58	30	15		
SD: 1			COEFF VAR.%	S.E.%	NET BF/ACRE			# OF PLOTS REQ.		INF. POP.		
					LOW	AVG	HIGH	5	7	10		
WHEMLOCK			76.2	11.5	24,986	28,230	31,474					
DOUG FIR			127.5	19.2	10,312	12,765	15,218					
WR CEDAR			150.9	22.8	5,070	6,563	8,057					
R ALDER			289.3	43.6	26	47	67					
TOTAL			53.8	8.1	43,741	47,605	51,469	116	59	29		

TC TSPCSTGR		Species, Sort Grade - Board Foot Volumes (Type)										Page 1							
Project: WTRWSP										Date	3/30/2006								
										Time	7:23:25AM								
T36N R04E S36 TU001										T36N R04E S36 TU001									
Twp	Rge	Sec	Tract	Type	Acre	Plots	Sample Trees	CuFt	BdFt										
36N	04E	36	WATERWISP	U001	73.70	38	124	S	W										
S So Gr T rt ad Spp			% Net BdFt	Bd. Ft. per Acre			Total Net MBF	Percent Net Board Foot Volume								Average Log			Logs Per /Acre
			Def%	Gross	Net	Log Scale Dia.				Log Length				Ln Ft	Bd Ft	CF/ Lf			
WH	DM	2S	41	8.2	12,447	11,423	842			66	34		100	32	261	1.66	43.7		
WH	DM	3S	45	.6	12,622	12,542	924	2	83	13	1		2	98	32	83	0.62	151.5	
WH	DM	4S	14	3.9	3,983	3,828	282	62	38			17	39	44	15	17	0.29	228.5	
WH	Totals		64	4.3	29,053	27,792	2,048	9	43	33	14	2	6	92	23	66	0.65	423.7	
DF	DM	SM	16		1,576	1,576	116				100		100	32	530	3.12	3.0		
DF	DM	2S	59	2.1	6,027	5,902	435			36	64		100	32	341	2.11	17.3		
DF	DM	3S	20	1.2	1,943	1,919	141	2	66	32		2	11	87	29	84	0.77	22.8	
DF	DM	4S	5		448	448	33	48	52			19	13	68	14	17	0.42	26.4	
DF	Totals		23	1.5	9,994	9,844	726	3	15	28	54	1	3	96	24	142	1.26	69.5	
RC	DM	3S	86	12.7	5,771	5,038	371	4	53	29	14		8	92	31	95	0.88	53.0	
RC	DM	4S	14	8.1	853	784	58	80	20			33	43	24	13	15	0.31	51.8	
RC	Totals		13	12.1	6,624	5,822	429	15	49	25	12	4	13	82	22	56	0.71	104.8	
RA	DM	2S	48	6.0	30	28	2		9	91			100	32	209	1.41	.1		
RA	DM	3S	26	16.9	18	15	1		37	51	12		100	32	142	1.12	.1		
RA	DM	4S	26	22.4	19	15	1	23	77			4	12	84	21	28	0.52	.5	
RA	Totals		0	13.5	66	57	4	6	34	57	3	1	3	96	24	75	0.83	.8	
Type Totals				4.9	45,738	43,516	3,207	9	37	31	23	2	6	91	23	73	0.74	598.8	

TC TSPCSTGR		Species, Sort Grade - Board Foot Volumes (Type)										Page 1							
Project: WTRWSP										Date 3/30/2006									
										Time 7:24:03AM									
T37N R04E S34 TU002										T37N R04E S34 TU002									
Twp	Rge	Sec	Tract	Type	Acre	Plots	Sample Trees	CuFt	BdFt										
37N	04E	34	WATERWISP	U002	16.60	6	15	S	W										
S So Gr T rt ad Spp		% Net BdFt	Bd. Ft. per Acre Def% Gross Net			Total Net MBF	Percent Net Board Foot Volume								Average Log			Logs Per /Acre	
							Log Scale Dia.				Log Length				Ln	Bd	CF/ Lf		
							4-5	6-11	12-16	17+	12-20	21-30	31-35	36-99	Ft	Ft			
WH	DM	2S	73	8.4	24,351	22,317	370		42	58			100		32	350	2.13	63.8	
WH	DM	3S	26	4.0	7,954	7,635	127		64	36			100		32	110	0.83	69.5	
WH	DM	4S	1	29.1	313	222	4		100			100			4	5	0.51	44.4	
WH	Totals		46	7.5	32,619	30,173	501		17	41	43		1	99	25	170	1.42	177.8	
DF	DM	SM	34		8,860	8,860	147			100			100		32	852	4.52	10.4	
DF	DM	2S	55		14,289	14,289	237			19	81		100		32	448	2.31	31.9	
DF	DM	3S	9		2,157	2,157	36		69	31			15	85	31	135	1.08	15.9	
DF	DM	4S	2	.0	424	424	7		100			100			14	38	0.62	11.2	
DF	Totals		39		25,729	25,729	427		7	13	80		2	1	97	29	371	2.24	69.4
RC	DM	3S	100	9.6	10,909	9,857	164		13	38	49		100		32	202	1.50	48.7	
RC	DM	4S		00.0	187										10		0.43	18.3	
RC	Totals		15	11.2	11,096	9,857	164		13	38	49		100		26	147	1.39	67.1	
Type Totals				5.3	69,444	65,759	1,092		13	29	58		1	1	99	26	209	1.61	314.2

TC TSTATS				STATISTICS PROJECT WTRWSP				PAGE 1 DATE 3/30/2006			
TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt		
36N	04E	36	WATERWISP	U001	73.70	38	224	S	W		
				TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES					
		PLOTS	TREES								
TOTAL		38	224	5.9							
CRUISE		20	124	6.2		17,094		.7			
DBH COUNT											
REFOREST											
COUNT		18	100	5.6							
BLANKS											
100 %											
STAND SUMMARY											
		SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
WHEMLOCK		53	162.5	14.1	69	35	176.2	29,053	27,792	6,298	6,297
DOUG FIR		27	25.7	20.0	73	13	55.9	9,994	9,844	2,136	2,135
WR CEDAR		26	43.4	15.0	63		53.0	6,624	5,822	1,658	1,659
R ALDER		18	.3	16.3	62		.5	66	57	16	16
TOTAL		124	231.9	15.0	68		285.6	45,738	43,516	10,107	10,106
		COEFF	SAMPLE TREES - BF				# OF TREES REQ.		INF. POP.		
SD:	1	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10		
WHEMLOCK		224.9	20.2	115	144	173					
DOUG FIR		235.6	21.2	112	142	172					
WR CEDAR		289.8	26.0	36	49	61					
R ALDER		264.7	23.8	25	32	40					
TOTAL		106.6	9.6	332	367	402	455	232	114		
		COEFF	TREES/ACRE				# OF PLOTS REQ.		INF. POP.		
SD:	1	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10		
WHEMLOCK		64.7	10.5	145	162	180					
DOUG FIR		180.7	29.3	18	26	33					
WR CEDAR		184.0	29.8	30	43	56					
R ALDER		307.6	49.9	0	0	0					
TOTAL		57.6	9.3	210	232	254	133	68	33		
		COEFF	BASAL AREA/ACRE				# OF PLOTS REQ.		INF. POP.		
SD:	1	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10		
WHEMLOCK		58.5	9.5	160	176	193					
DOUG FIR		114.4	18.6	46	56	66					
WR CEDAR		138.2	22.4	41	53	65					
R ALDER		267.7	43.4	0	0	1					
TOTAL		35.9	5.8	269	286	302	52	26	13		
		COEFF	NET BF/ACRE				# OF PLOTS REQ.		INF. POP.		
SD:	1	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10		
WHEMLOCK		65.5	10.6	24,838	27,792	30,747					
DOUG FIR		124.3	20.2	7,860	9,844	11,829					
WR CEDAR		148.5	24.1	4,419	5,822	7,224					
R ALDER		266.7	43.3	33	57	82					
TOTAL		43.5	7.1	40,446	43,516	46,586	76	39	19		

TC TSTATS				STATISTICS			PAGE 1				
				PROJECT	WTRWSP	DATE 3/30/2006					
TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt		
37N	04E	34	WATERWISP	U002	16.60	6	29	S	W		
		PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES					
TOTAL		6	29	4.8							
CRUISE		3	15	5.0	1,307	1.1					
DBH COUNT											
REFOREST											
COUNT		3	14	4.7							
BLANKS											
100 %											
STAND SUMMARY											
		SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
WHEMLOCK		7	44.4	22.9	106	21	127.1	32,619	30,173	6,295	6,306
DOUG FIR		4	15.9	30.7	130	16	81.7	25,729	25,729	4,485	4,485
WR CEDAR		4	18.3	23.3	99		54.5	11,096	9,857	2,412	2,415
TOTAL		15	78.7	24.8	109		263.2	69,444	65,759	13,192	13,207
SD: 1		COEFF VAR.%	S.E.%	SAMPLE TREES - BF			# OF TREES REQ.		INF. POP.		
				LOW	AVG	HIGH	5	7	10		
WHEMLOCK		124.9	32.2	240	354	468					
DOUG FIR		191.0	49.3	249	491	733					
WR CEDAR		190.3	49.1	80	157	235					
TOTAL		71.0	18.3	818	1,002	1,186	202	103	50		
SD: 1		COEFF VAR.%	S.E.%	TREES/ACRE			# OF PLOTS REQ.		INF. POP.		
				LOW	AVG	HIGH	5	7	10		
WHEMLOCK		81.6	33.3	30	44	59					
DOUG FIR		70.6	28.8	11	16	21					
WR CEDAR		128.2	52.4	9	18	28					
TOTAL		52.1	21.3	62	79	95	108	55	27		
SD: 1		COEFF VAR.%	S.E.%	BASAL AREA/ACRE			# OF PLOTS REQ.		INF. POP.		
				LOW	AVG	HIGH	5	7	10		
WHEMLOCK		92.6	37.8	79	127	175					
DOUG FIR		69.9	28.5	58	82	105					
WR CEDAR		126.5	51.6	26	54	83					
TOTAL		42.2	17.2	218	263	309	71	36	18		
SD: 1		COEFF VAR.%	S.E.%	NET BF/ACRE			# OF PLOTS REQ.		INF. POP.		
				LOW	AVG	HIGH	5	7	10		
WHEMLOCK		97.5	39.8	18,161	30,173	42,186					
DOUG FIR		71.8	29.3	18,190	25,729	33,269					
WR CEDAR		127.5	52.1	4,724	9,857	14,989					
TOTAL		34.6	14.1	56,464	65,759	75,055	48	24	12		

TC PSPCTLTCM		Species Summary - Trees, Logs, Tons, CCF, MBF										
<div>T36N R04E S36 TyU001 73.7 T37N R04E S34 TyU002 16.6</div>		Project WTRWSP Acres 90.30				Page No 1 Date: 3/30/2006 Time 7:26:28AM						
Species	S	Total	Total	Total	Net Cubic Ft/		CF/		Total CCF		Total MBF	
	T	Trees	Logs	Tons	Tree	Log	LF	Gross	Net	Gross	Net	
WHEMLOCK		12,711	34,179	18,196	44.74	16.64	0.72	5,686	5,687	2,683	2,549	
DOUG FIR		2,160	6,271	6,609	107.30	36.96	1.48	2,319	2,318	1,164	1,153	
WR CEDAR		3,505	8,841	3,812	46.33	18.37	0.79	1,622	1,624	672	593	
R ALDER		24	56	32	47.59	20.35	0.85	11	11	5	4	
Totals		18,400	49,348	28,648	52.39	19.54	0.83	9,639	9,641	4,524	4,299	

Wood Type Species	Total	Total	Total	Net Cubic Ft/		CF/	Total CCF		Total MBF	
	Trees	Logs	Tons	Tree	Log	LF	Gross	Net	Gross	Net
C	18,376	49,291	28,617	52.40	19.54	0.83	9,627	9,629	4,519	4,294
H	24	56	32	47.59	20.35	0.85	11	11	5	4
Totals	18,400	49,348	28,648	52.39	19.54	0.83	9,639	9,641	4,524	4,299

PRE-CRUISE NARRATIVE

Sale Name:	Waterwisp	Region:	NORTHWEST
App. #:	30-070778	District:	BAKER
Contact forester:	DOUG HOOKS	Phone/location:	360 592 2311 WC 360 708 7800 CELL

UNIT ACREAGES AND METHOD OF DETERMINATION:

Unit #	Legal Descr. Sec/Twp/Rng	Grant	Gross acres	Net acres	Method of acreage determination (compass chain traverse, photo, declination used, etc)	Error of closure
1	3/36/04	01	78.4	72.1	Hand traverse with laser, clino, & compass and GPS traverse	N/A
2	34/37/04	01	18.1	16.6	Hand traverse with laser, clino, & compass and GPS traverse	N/A
3 R/W	3/36/04	01	0.1	0.1	Calculated length x width	N/A
4 R/W	2 & 3/36/04	01	1.5	1.5	Calculated length x width	N/A
Total			98.1	90.3		

HARVEST PLAN AND SPECIAL CONDITIONS:

Unit #	Harvest prescription: (mark leave, take, etc)	Special management areas:	Other conditions (# leave trees, etc.)
1	Regen harvest, all timber is to be removed, excluding <u>yellow</u> painted trees, trees within yellow leave tree tags.	Bald exclusion of 0.49 acres (timber sale tags)	Total of 5.8 acres of GT Clumps (13 clumps) Scattered trees total: 28
2	Regen harvest, all timber is to be removed, excluding <u>yellow</u> painted trees, trees within yellow leave tree tags.	None.	Total of 1.5 acres of GT Clumps (6 clumps) Scattered trees total: 49
R/W	All timber is to be removed from within R/W	None.	None.

OTHER PRE-CRUISE INFORMATION:

Unit #	Estimated Volume	Access information (Gates, locks, etc.)	Photos, traverse maps required
1	2500 mbf	Access via the A-1000 mainline, gate is not closed or locked.	Air photos #73-45-7,8,& 9
2	865 mbf	Access via the A-1000 mainline, then A-1600	Same
R/W	15 MBF	Same	Same

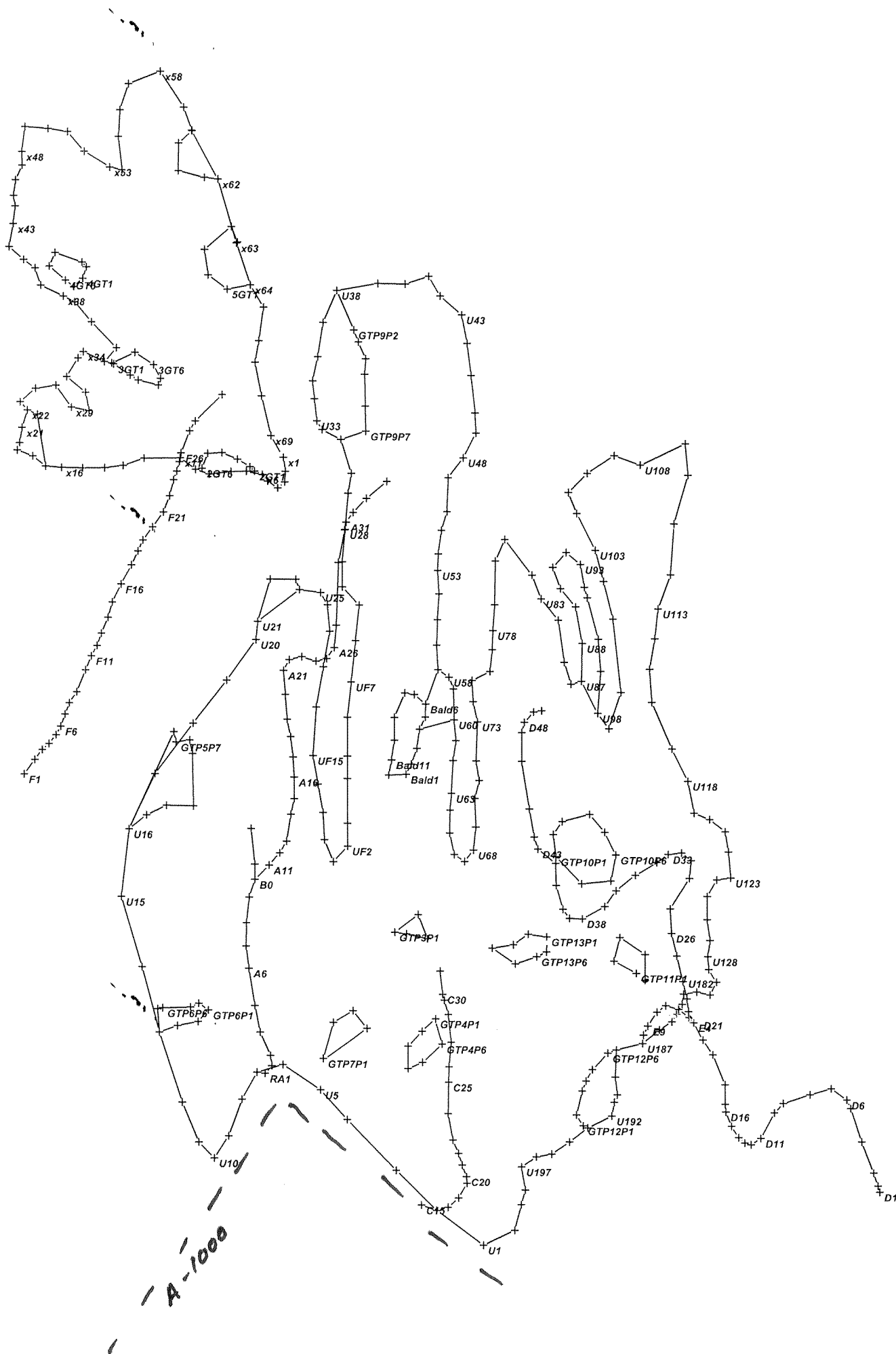
REMARKS:

- Unit 3 R/W is through an RMZ on Spur A in the NW corner of Unit 1, will have some timber, largely small alder. Is only approx 65'x60'.
- Unit 4 R/W is at the start of Spur D into Unit 1 and will be through a 25-30 yr old plantation on a poor site, thus all wood will chip and saw.
- Please note that sale was set up in 1999 and reworked this year. The original scattered green trees are marked with blue. Ignore them! The scattered green trees associated with this harvest are painted yellow. There may be old tags that we have failed to pull down, if you see some, feel free to tear them down (in previous layout, tagged leave clumps were with special management tags).
- Unit 2 may be accessed by walking in on Spur F (rough plantation walking) or walking north through unit 1
- Unit 2 is much bigger, taller, older, less dense timber than unit 1, except for the northernmost fingers of Unit 1.
- Special Management tags in Unit 1 (just NE of Spur A before stream crossing) will have timber removed from behind them, they are intended to protect an old cabin site.
- There are some yellow painted trees within some of the clumps in Unit 2, but they are tallied as a clump and behind leave tree tags now, so they should not be considered 'ghost' trees.
- Unit 2 traverse points are in order with the exclusion of points (ie. Skipped) X-24, X-26, X-28, & X-61. An extra point is located between X-37 and X-38 called X-38a. Unit 1 traverse points are in order with the connection of U-131 to U-181 (skipped points U-132-U180) and the bald exclusion.

Prepared by: Deming Unit
Title: Waterwisp TS
CC: Timber Sales office

2.7
: 400'

WATER WSP U1 & 2

$$1'' = 400'$$


Waterwisp Unit Acerages

	Acres	Trees
Unit 1 Gross Area	78.4	
GT Clump #1	0.21	41
GT Clump #2	0.68	77
GT Clump #3	0.09	32
GT Clump #4	0.23	53
GT Clump #5	0.7	154
GT Clump #6	0.21	39
GT Clump #7	0.23	42
GT Clump #8	0.32	47
GT Clump #9	1.42	109
GT Clump #10	0.81	81
GT Clump #11	0.18	34
GT Clump #12	0.5	108
GT Clump #13	0.23	98
Total GT Clump Acres	5.81	915
ARS 1 Exclusion	0.49	
Net Harvest Area Unit 1	72.1	
R/W on Spur A	0.1	
R/W on Spur D	1.5	
RMZ	11 acres	
Potential unstable exclusion	.48 acres	

Unit 1
 12 Green trees per acre
 915 Clumped
 28 Scattered
 943 Green trees in Unit 1

	Acres	Trees
Unit 2 Gross Area	18.1	
GT Clump #1	0.22	21
GT Clump #2	0.19	31
GT Clump #3	0.21	19
GT Clump #4	0.18	17
GT Clump #5	0.44	25
GT Clump #6	0.27	18
Total GT area Unit 2	1.51	131

Net Harvest Area Unit 2	16.59
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RMZ	<1 acre
Potential unstable exclusion	<3 acres

TOTAL SALE (Unit 1&2) ACRES 88.69

Unit 2
 10 Green trees per acre
 131 Clumped
 49 Scattered
 180 Green trees in Unit 2

Scattered Leave Trees Waterwisp Unit 1					
<u>DBH</u>	<u>DF</u>	<u>WH</u>	<u>PSF</u>	<u>RC</u>	<u>Total</u>
12					
14				3	3
16				1	1
18		1	1	1	3
20				2	2
22					
24		1			1
26	1		2		3
28	1				1
30	1				1
32					
34	1				1
36	6				6
38	4				4
40					
42	1				1
44				1	1
					28
total scattered					28

Clumped Leave Trees For Waterwisp Unit 1									
<u>DBH</u>	<u>DF</u>	<u>WH</u>	<u>RC</u>	<u>BLM</u>	<u>RA</u>	<u>PSF</u>	<u>Birch</u>	<u>BC</u>	total
12	8	104	51	3	7	2	4	2	190
14	16	160	29		4	2		1	212
16	34	66	30		1	6	1		138
18	33	50	17			1		2	103
20	17	31	9		1	1		1	60
22	13	26	13					1	53
24	15	27	11			1			54
26	11	9	5		2				27
28	15	8	4			1			28
30	10	9	5			2			26
32	6	5							11
34	5	2	2						9
36	7								7
38	2								2
40									
42		1							1
44		1							1
46			1						1
52	1								1
193		499	177	3	15	16	5	7	915

Scattered Leave Trees Waterwisp Unit 2				
<u>DBH</u>	<u>DF</u>	<u>WH</u>	<u>RC</u>	<u>Total</u>
18			1	1
20			1	1
22	1		1	2
24	1	2	1	4
26		1	1	2
28	1	1	1	3
30	2			2
32	3	1	1	5
34	4		1	5
36	3			3
38	3		3	6
40	2			2
42	4		1	5
44	3			3
46				
48	1			1
50	1			1
52	1			1
56			1	1
62			1	1
total scattered				49

Clumped Leave Trees For Waterwisp Unit 2						
<u>DBH</u>	<u>DF</u>	<u>WH</u>	<u>RC</u>	<u>MA</u>	<u>RA</u>	<u>total</u>
12						
14		2	1			3
16	1	4	4			9
18	1	3	1			5
20	3	5	5			13
22	3	3	3			9
24	8	5	1			14
26	11	4	7			22
28	11	2	1			14
30	9	1	1			11
32	7	1	1			9
34	3					3
36	7		1			8
38	4		1			5
40	1		1			2
42	1					1
44	1					1
46	1					1
64+	1					1
	73	30	28	0	0	131